

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
31 December 2003 (31.12.2003)

PCT

(10) International Publication Number
WO 2004/000906 A1

(51) International Patent Classification⁷: C08G 18/24, 77/00

(21) International Application Number:
PCT/EP2003/006265

(22) International Filing Date: 13 June 2003 (13.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02013830.1 21 June 2002 (21.06.2002) EP

(71) Applicant (for all designated States except US): CROMPTON GMBH [DE/DE]; Ernst-Schering-Strasse 14, 59192 Bergkamen (DE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SCHUMACHER, Oliver [DE/DE]; St. Johannes 52, 59368 Werne (DE).

(74) Agent: WIBBELMANN, Jobst; WUESTHOFF & WUESTHOFF, Patent- und Rechtsanwälte, Schweigerstrasse 2, 81541 München (DE).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 2004/000906 A1

(54) Title: LOW EMISSION TIN CATALYSTS

(57) Abstract: Plastic articles with low emission obtainable by polymerization, condensation, and/or cross-linking reaction including the use of metal catalysts wherein said metal catalyst has a low emissivity and is an organotin compound of the general formula R_2SnX_2 wherein R is a C_1 - C_8 -hydrocarbyl, X is a carboxylate group with 14-20 carbon atoms having at least one olefinic double bond. Moreover, the invention relates to the use of an organotin compound in the manufacture of plastic articles with low emissivity of said organotin compound.